Pocket No.: 4006-272 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Jiun-Rong PAI et al.

Confirmation No. 2538

U.S. Patent Application No. 10/694,355

Group Art Unit: 2636

Filed: October 28, 2003

Examiner: Eric Blount

For:

APPARATUS FOR MONITORING LEAKAGE OF PROCESS COOLING WATER IN

FURNACE

AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated June 30, 2005, please amend the application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.